

[Title of Document]    Abstract

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[Problem]    To provide a non-aqueous electrolyte secondary battery provided with a positive electrode having a lithium-manganese composite oxide as a positive electrode material which can maintain excellent battery performances even after stored in a high-temperature environment or subjected to charging and discharging cycles at high temperatures.

[Solving Means]    In a non-aqueous electrolyte secondary battery provided with a positive electrode having a lithium-manganese composite oxide as a positive electrode material, a negative electrode comprising a material capable of absorbing and releasing lithium and a non-aqueous electrolyte, deterioration of the negative electrode and battery performances is inhibited by containing at least one of sodium (Na), potassium (K), calcium (Ca) and strontium (Sr).

[Selected Drawing]    No